

ABSTRACT OF THE DISCLOSURE

A hard metal of WC for tools for mechanical working of stone, concrete, and asphalt contains 5 to 25 % by weight of a binder based on Co or Co and Ni. The hard metal has a coercive field strength up to 17.0 kA/m, and the binder contains up to 30 % of Fe. The hard metal has a magnetic saturation (σ or $4\pi\sigma$, in units of microtesla times cubic meter per kilogram, respectively) as a function of the Co proportion (X) in % by weight of the hard metal in a range of $\sigma = 0.11 X$ to $\sigma = 0.137 X$ or $4\pi\sigma = 0.44 \pi X$ to $4\pi\sigma = 0.548 \pi X$.